

Scientific Note:

Spring Aspect of the Nocturnal *Lepidoptera* Fauna of Şirvan District (Siirt Province) (South East Turkey)

by

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Within the field programs of the year 2008, the authors visited Ormanbağı¹ and Çeltikyolu territories in Şirvan District (Siirt Province) in South East Turkey ² between 23-26 April, 2008, in order to determine the spring aspects of the nocturnal *Lepidoptera* fauna. More than 700 moth specimens were collected by the authors in the area by using a light trap of Mercury Vapour lamp 160W (Fig.4). The studied area and the selected species and 52 nocturnal genera (12 families) recorded are mentioned below. List of the 32 new nocturnal species to the district and the province are given.

During our field studies in Şirvan district the following genera are recorded: *Cilix*, *Watsonalla* (*Drepanidae*); *Ethmia* (*Ethmiidae*), *Alcis*, *Chiasmia*, *Drepanopterula*, *Dyscia*, *Eupithecia*, *Gnopharmia*, *Idaea*, *Nychiodes*, *Oulobophora*, *Pseudopanthera*, *Sterrhia* (*Geometridae*); *Polymona*, *Ocnerygia* (*Lymantriidae*); *Acontia*, *Acronicta*, *Aletia*, *Apamea*, *Apopestes*, *Autophila*, *Bryophilopsis*, *Cleonymia*, *Cornutoplusia*, *Cucullia*, *Dichagyris*, *Drasteria*, *Egira*, *Emmelia*, *Eutelia*, *Hadena*, *Metalopha*, *Minucia*, *Mythimna*, *Noctua*, *Serryvania*, *Zethes* (*Noctuidae*); *Hoplitis*, *Spatalia* (*Notodontidae*); *Pleurota* (*Oecophoridae*); *Euchromius*, *Myelois*, *Pyrausta*, *Sultania* (*Pyralidae*); *Clarina*, *Dolbina*, *Hyles*, *Macroglossum*, *Marumba*, *Sphingoniopsis* (*Sphingidae*), *Isophrictis* (*Gelechiidae*), *Tineidae*, *Psychidae*, etc.

¹ Studied areas were illustrated in the previous issue (figs.1-6) of the Cesa News.

² The remote areas of the Eastern Turkey, including Siirt Province are currently extremely dangerous for the night studying, due to the terrorist activities. Our field surveys have been carrying out under these circumstances for years. For details visit the official Web Page of the Turkish General Staff (TGS) in Turkish: http://www.tsk.mil.tr/HABERLER_ve_OLAYLAR/5_Terorle_Mucadele/terorle_mucadele_2008.htm



Fig.1 - *Isophrictis anthemidella* (Gelechiidae) at rest. Turkey Siirt Prov. Şirvan, Ormanbağı 1070m 24 4 2008, PV1 M. Kemal (Cesa)



Fig.2 - *Eupithecia breviculata* (Donzel,1837) (Geometridae) at rest. Turkey Siirt Prov. Şirvan, Ormanbağı 1070m 24 4 2008, PV1 M. Kemal (Cesa)



Fig.3 - *Cleonymia (Serryvania) opposita* (Lederer,1870) (Noctuidae) at rest. Turkey Siirt Prov. Şirvan, Ormanbağı 1070m 24 4 2008, PV1 M. Kemal (Cesa)



Fig.4 - Authors and the light trap at the beginning. Location: Turkey Siirt Prov. Şirvan, Ormanbağı 1070m 24 4 2008, Photo A.Koçak (Cesa)



Fig.5 - Author, during preparing the captured moths in the night near the light trap. Location: Turkey Siirt Prov. Şirvan, Ormanbağı 1070m 24 4 2008, Photo M.Kemal (Cesa)



Fig.6 - Author, during preparing the captured moths early in the morning of the next day. Location: Turkey Siirt Prov. Şirvan, Ormanbağı 1070m 25 4 2008, Photo M.Kemal (Cesa)

Selected 32 nocturnal species recorded at Ormanbağı, 24-25.4.2008, are given below. All of them are also new records to Şirvan District and Siirt Province.

Cilix asiatica A.Bang-Haas,1907, *Watsonalla binaria* (Hufnagel,1767) (*Drepanidae*); *Isophrictis anthemidella* (Wocke,1871) (*Gelechiidae*); *Ocnogryia amanda* Staudinger,[1892], *Polymona lapidicola* (Herrich-Schäffer,[1852]) (*Lymantriidae*); *Sultania lophotalis* (Hampson,1900) (*Pyalidae*); *Hyles livornica* (Esper,[1780]), *Marumba quercus* (Denis & Schiffermüller,[1775]), *Clarina kotschy* (Kollar,[1849]), *Dolbina elegans* (A.Bang-Haas,1912), *Sphingonaepiopsis gorgoniades* (Hübner,[1819]) (*Sphingidae*); *Eupithecia breviculata* (Donzel,1837), *Eupithecia schiefereri* Dietze,1904, *Eupithecia gratiosata* Herrich-Schäffer,1861, *Eupithecia oblongata* (Thunberg,1784), *Eupithecia spissilineata* (Metzner,1846), *Idaea filicata* (Hübner,[1799]), *Pseudopanthera syriacata* (Guenée,1852) (*Geometridae*); *Acontia titania* (Esper,[1798]), *Agrotis* (s.str.) *ippsilon* (Hufnagel,1766), *Agrotis* (s.str.) *segetum* ([Denis & Schiffermüller],1775), *Autographa gamma* (Linnaeus,1758), *Bryophilopsis roederi* (Standfuss,1892), *Cleonymia* (*Serryvania*) *opposita* (Lederer,1870), *Cleonymia* (s.str.) *baetica* (Rambur,1837), *Dichagyris* (s.str.) *erubescens* (Staudinger,1892), *Eutelia adulatrix* (Hübner,[1813]), *Metalopha* (*Antholopha*) *gloriosa* (Staudinger,1892), *Minucia bimaculata* Osthelder,1933, *Mythimna* (*Aletia*) *vitellina* (Hübner,[1808]), *Zethes brandti* Janzon,1977, *Zethes narghisa* Brandt,1938 (*Noctuidae*).

Many others are still under preparation and some of them very interesting records to the fauna of Turkey, or new to science.

Previously Published Articles:

Kemal,M. & E.Seven, 2008, List of the Recorded Butterflies in Şirvan, Siirt and Erüh District in 6-8 March 2008. [in] Kemal,M. & A.Ö.Koçak, First scientific trip to the South West Van Lake Region (6-8 March,2008). *Cesa News* 7: 14.

Kemal,M. & E.Seven, 2008, Spring Aspect of the Diurnal *Lepidoptera* Fauna of Şirvan District (Siirt Province) (South East Turkey). *Cesa News* 10: 1-14, figs.



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⁸ http://www.metafro.be/Members/Cesa/internet_sayfas305/base_view - pdf available

⁹ <http://www.cesa-tr.org/Cesanews.htm>

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